This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.

COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

is attached hereto.

My residence, post office address and citizenship are as stated below, next to my name. I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled LOCATING ARRANGEMENT AND METHOD USING BORING TOOL AND CABLE LOCATING SIGNALS the specification of which

United States Application Number or PCT International Application Number and was amended on (if applicable) I hereby state that I have reviewed and understand the contents of the above-identified		
and was amended on (if applicable)		
and was amended on (if applicable)		
I hereby state that I have reviewed and understand the contents of the above-identified		
	d specification,	
including the claim(s), as amended by any amendment referred to above. I do not know and do not	believe that the	
claimed invention was ever known or used in the United States of America before my invention there	eof, or patented	
or described in any printed publication in any country before my invention thereof or more than one ye		
application, that the same was not in public use or on sale in the United States of America more than	n one year prior	
to this application, and that the invention has not been patented or made the subject of an inventor's ce	ertificate issued	
before the date of this application in any country foreign to the United States of America on an appli	lication filed by	
me or my legal representatives or assigns more than twelve months (for a utility patent application)) or civ months	
(for a design patent application) prior to this application.) or six inolidis	
(for a design patent application) prior to this application.		
Lealmanulades the duty to displace all information known to make he material to natentabili	ity as defined in	
I acknowledge the duty to disclose all information known to me to be material to patentability	ity as defined in	
Title 37, Code of Federal Regulations, Section 1.56.		
The state of the s	0(a) (d) of any	
I hereby claim foreign priority benefits under Title 35, United States Code, Section 119		
foreign application(s) for patent or inventor's certificate listed below and have also identified below		
application for patent or inventor's certificate having a filing date before that of the application on w	which priority is	
claimed:		
Priority		
Prior Foreign Application(s) Claimed	<u>Claimed</u>	
	_	
•		
	No	
(Number) (Country) (Day/Month/Year Filed) Yes	No	
(Number) (Country) (Day/Month/Year Filed) Yes		
(Number) (Country) (Day/Month/Year Filed) Yes	No	
(Number) (Country) (Day/Month/Year Filed) Yes (Number) (Country) (Day/Month/Year Filed) Yes	No No	
(Number) (Country) (Day/Month/Year Filed) Yes (Number) (Country) (Day/Month/Year Filed) Yes	No	
(Number) (Country) (Day/Month/Year Filed) Yes (Number) (Country) (Day/Month/Year Filed) Yes	No No	
(Number) (Country) (Day/Month/Year Filed) Yes (Number) (Country) (Day/Month/Year Filed) Yes (Number) (Country) (Day/Month/Year Filed) Yes	No No No	
(Number) (Country) (Day/Month/Year Filed) Yes (Number) (Country) (Day/Month/Year Filed) Yes (Number) (Country) (Day/Month/Year Filed) Yes I hereby claim the benefit under title 35, United States Code, Section 119(e) of any United States prov	No No No	
(Number) (Country) (Day/Month/Year Filed) Yes (Number) (Country) (Day/Month/Year Filed) Yes (Number) (Country) (Day/Month/Year Filed) Yes	No No No	
(Number) (Country) (Day/Month/Year Filed) Yes (Number) (Country) (Day/Month/Year Filed) Yes (Number) (Country) (Day/Month/Year Filed) Yes I hereby claim the benefit under title 35, United States Code, Section 119(e) of any United States prov	No No No	
(Number) (Country) (Day/Month/Year Filed) Yes (Number) (Country) (Day/Month/Year Filed) Yes (Number) (Country) (Day/Month/Year Filed) Yes I hereby claim the benefit under title 35, United States Code, Section 119(e) of any United States provapplication(s) listed below	No No No	
(Number) (Country) (Day/Month/Year Filed) Yes (Number) (Country) (Day/Month/Year Filed) Yes (Number) (Country) (Day/Month/Year Filed) Yes I hereby claim the benefit under title 35, United States Code, Section 119(e) of any United States prov	No No No	
(Number) (Country) (Day/Month/Year Filed) Yes (Number) (Country) (Day/Month/Year Filed) Yes (Number) (Country) (Day/Month/Year Filed) Yes I hereby claim the benefit under title 35, United States Code, Section 119(e) of any United States provapplication(s) listed below	No No No	
(Number) (Country) (Day/Month/Year Filed) Yes (Number) (Country) (Day/Month/Year Filed) Yes (Number) (Country) (Day/Month/Year Filed) Yes I hereby claim the benefit under title 35, United States Code, Section 119(e) of any United States provapplication(s) listed below (Application Number) Filing Date	No No No	
(Number) (Country) (Day/Month/Year Filed) Yes (Number) (Country) (Day/Month/Year Filed) Yes (Number) (Country) (Day/Month/Year Filed) Yes I hereby claim the benefit under title 35, United States Code, Section 119(e) of any United States provapplication(s) listed below	No No No	

application(s) listed below and, insoft in the prior United States application	far as the subject matter of n in the manner provided by ty to disclose all informa	d States Code, Section 120 of any United States Feach of the claims of this application is not disclosed by the first paragraph of Title 35, United States Code, atton known to me to be material to patentability as which became available between the filing date of the	
prior application and the national or	PCT international filing da	ate of this application:	
(Application Number)	Filing Date	(Status patented, pending, abandoned)	
(Application Number)	Filing Date	(Status patented, pending, abandoned)	
substitution and revocation, to pros	ecute this application and	Customer Number provided below, with full power of to transact all business in the Patent and Trademark be addressed to that Customer Number.	
	Customer Numb	per 21833	
on information and belief are believed that willful false statements and the	ved to be true; and further to like so made are punish es Code and that such wil	y own knowledge are true and that all statements made that these statements were made with the knowledge able by fine or imprisonment, or both, under Section ful false statements may jeopardize the validity of the	
Full Name of Sole/First Inventor	: Guenter W. Brune		
Inventor's Signature: Just 2	W. Brune	Date: 8/7/200/	
Residence: 552 128th Avenue SE, Bellevue, WA 98005 Citizenship USA			
(City, State) (Country)			
Post Office Address: 552 128th Avenue SE, Bellevue, WA 98005			
Full Name of Second Inventor	Albert W. Chau		
$\sqrt{2}$	Charter C	han Date: 08/07/200/	
Residence: 18721 N. E. 133rd 5	Street, Woodinville, W (City, State	A 98072 Citizenship USA (Country)	
Post Office Address: 18721 N. E. 133rd Street, Woodinville, WA 98072			
Full Name of Third Inventor: Jo	ohn E. Mercer		
Inventor's Signature: John &	Mercer	Date: 8/7/01	
Residence: P.O. Box 892, Kent	t, WA 98035 (City, State	Citizenship <u>USA</u> (Country)	
Post Office Address: P.O. Box		, . (,	

Title 37, Code of Federal Regulations, Section 1.56 Duty to Disclose Information Material to Patentability

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclosure information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclosure all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) Prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) The closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made or record in the application, and
- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application;
 - (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.